

**EXTERNAL COUNTERPULSATION DEVICE USING
ELECTROACTIVE POLYMER ACTUATORS**

ABSTRACT OF THE DISCLOSURE

5 The present invention provides an exterior
counterpulsation (ECP) system that includes a garment
for being worn on the exterior of a patient's body.
The garment includes electroactive polymer (EAP)
actuators connected thereto. In one embodiment, the
10 EAP actuators are woven into the garment. In another
embodiment, they are mounted to the garment surface.